

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 56316 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jun 24 2012

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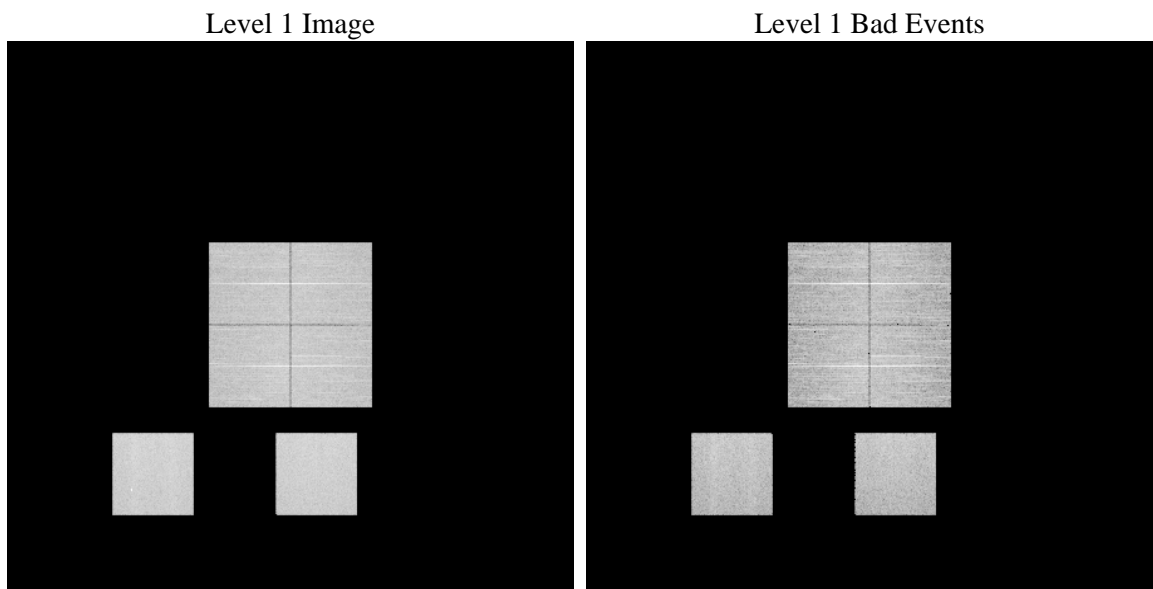
1 Front

seq_num	 	Sequence number
obs_id	56316	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	188.03042351348	Nominal RA [deg]
dec_nom	-28.005714092421	Nominal Dec [deg]
roll_nom	311.85559950923	Nominal Roll [deg]
revision	2	Processing version of data
ontime	8425.5999686718	Sum of GTIs [s]
livetime	8318.9099485813	Livetime [s]
ontime0	8425.5999686718	Sum of GTIs [s]
ontime1	8425.5999686718	Sum of GTIs [s]
ontime2	8425.5999686718	Sum of GTIs [s]
ontime3	8425.5999686718	Sum of GTIs [s]
ontime5	8425.5999686718	Sum of GTIs [s]
ontime7	8425.5999686718	Sum of GTIs [s]
l2events	434798	Number of level 2 events

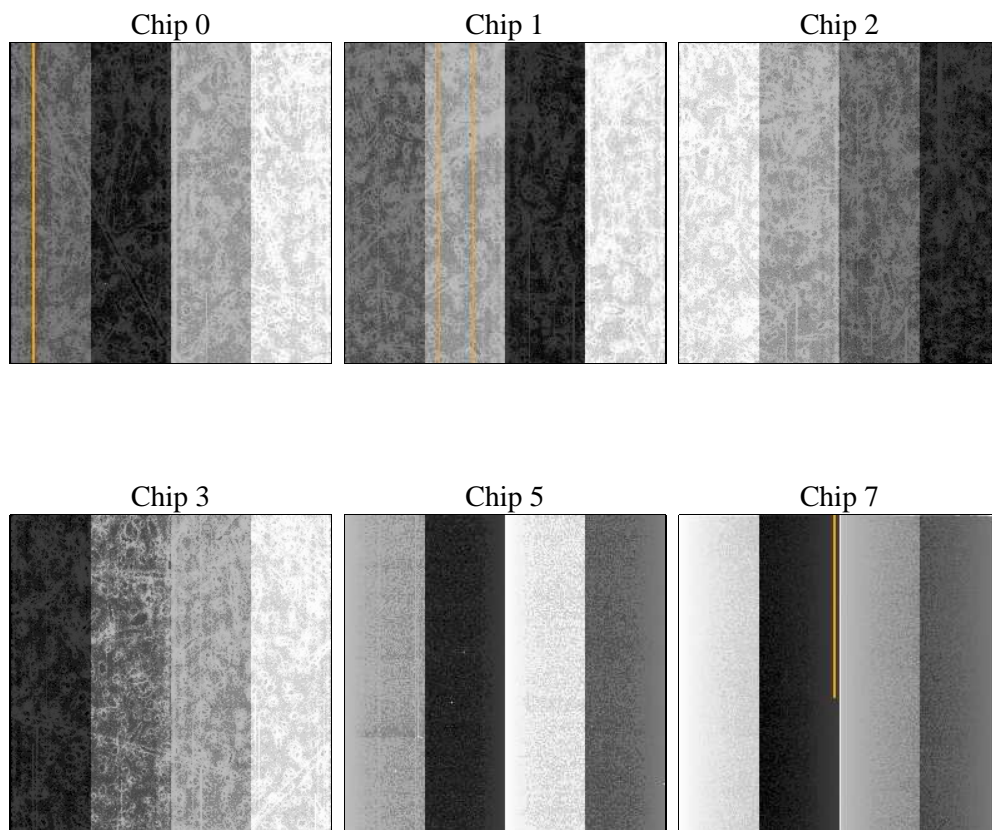
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	8425.5999686718	Sum of GTIs [s]
caldsver	4.4.10	 	ontime0	8425.5999686718	Sum of GTIs [s]
date	2012-06-24T11:21:28	Date and time of file creation	ontime1	8425.5999686718	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	8425.5999686718	Sum of GTIs [s]
			ontime3	8425.5999686718	Sum of GTIs [s]
			ontime5	8425.5999686718	Sum of GTIs [s]
			ontime7	8425.5999686718	Sum of GTIs [s]
			l1events	868283	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 5	ccd 7
level 1 events	128836	129947	134476	136546	170500	167978	grade 0 events	33930	32027	35360	35644	10278	16738
rejected events	64636	65819	70190	71613	71303	68933		26%	24%	26%	26%	6%	9%
rejected %	50%	50%	52%	52%	41%	41%	grade 1 events	212	176	245	262	196	134
								0%	0%	0%	0%	0%	0%
							grade 2 events	11984	13811	10930	11053	37735	21887
								9%	10%	8%	8%	22%	13%
							grade 3 events	4378	4063	4378	4549	3579	8502
								3%	3%	3%	3%	2%	5%
							grade 4 events	4213	3977	4303	4306	3412	8536
								3%	3%	3%	3%	2%	5%
							grade 5 events	3732	3691	3553	3995	8204	10112
								2%	2%	2%	2%	4%	6%
							grade 6 events	9979	10520	9579	9648	44590	43799
								7%	8%	7%	7%	26%	26%
							grade 7 events	60408	61682	66128	67089	62506	58270
								46%	47%	49%	49%	36%	34%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012357	ACIS-012357	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	SECONDARY	SECONDARY	On-chip summing requested	N	N
[deg] Pointing RA	0	188.0304235134774	Subarray requested	NONE	NONE
[deg] Pointing Dec	0	-28.00571409242109	Alternating exposures requested	N	N
[deg] Pointing Roll	0.0	311.8555995092299	[s] Primary exposure time	3.2	3.2
[mm] SIM focus pos	-1.429586	-0.6828225247311905			
[mm] SIM defocus	0.1037507710433287	0.8505141146731063			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	387970776.819707	387970775.79471			
Observation start date	2010-04-18T09:39:37	2010-04-18T09:39:35			
[s] Observation end time (MET)	387982418.770299	387982417.74531			
Observation end date	2010-04-18T12:53:39	2010-04-18T12:53:37			
Read mode	TIMED	TIMED			

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4255999686718

A.2 Comments